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1089 July 5, 1912

Catania-Typhus Fever.

Consul Garrels, at Catania, reports the occurrence of 3 deaths from typhus fever at Catania during the two weeks ended June 7, 1912.

JAPAN.

Formosa-Cholera.

The American consul at Tamsui reports, July 1, the presence of cholera.

MEXICO.

Mexico City-Typhus Fever.

Consul General Shanklin at Mexico City reports the occurrence at that place of 48 cases of typhus fever, with 9 deaths, during the week ended May 18, 1912.

Yellow Fever at San Juan Bautista.

The American consul at Frontera reports June 30 the occurrence of 4 new cases of yellow fever at San Juan Bautista.

PHILIPPINE ISLANDS.

Manila-Plague on Vessel-Additional Quarantine Measures.

Passed Asst. Surg. Fox, acting chief quarantine officer, reports: A fatal case of bubonic plague occurred at Mariveles quarantine station among the steerage passengers from the steamship *Taisang* from Amoy, which arrived April 30. The case was bacteriologically verified.

ADDITIONAL QUARANTINE MEASURES.

The plague situation in Hongkong and on the China coast showing constant and marked increase, it was deemed necessary to institute further measures of protection. Letters were consequently sent to all the owners of vessels plying regularly between China and the Philippine Islands requiring fumigation every other trip. This additional fumigation will be performed when the vessels are empty at ports in the Philippine Islands.

Rats killed by such fumigations are examined for plague, but no plague-infected rats have been found. In fact the vessels have been found to be remarkably free from rats, only six being recovered from a vessel which had not very recently been fumigated. Whether this scarcity of rats is due to the plague epidemic having continued so long at the vessel's port of call that the excess of rats have died of plague remains to be determined by further investigation.

PORTO RICO.

Plague Situation.

On the request of the governor of Porto Rico the Public Health and Marine-Hospital Service has taken charge of the plague eradicative work in San Juan and vicinity in cooperation with the local sanitary authorities. Passed Assistant Surgeon R. H. Creel, an

July 5, 1912 1090

officer experienced in the laboratory and field work of plague eradication, has been placed in immediate charge. Officers have been detailed for plague duty in Porto Rico, and additional officers are on

their way to San Juan.

The work being carried on includes the limitation of the disease to the island of the old city of San Juan. Measures are being taken to prevent the escape of rats across the bridges and also to prevent the possibility of their gaining access to vessels. The city has been divided into districts, and the houses in the infected territory are inspected daily. Infected houses are surrounded by rat-proof fences and then disinfected and freed from rats or destroyed. Special attention is being paid to the care and collection of garbage and other material which may serve as rat food. Steps are being taken toward the rat proofing of the entire water front. Trapping and poisoning of rats is being done. Special attention is being given to the laboratory examination of rats caught in parts of the city not known to be infected, in order to outline definitely the infected areas.

All the human cases with the exception of 8 have occurred in the old part of San Juan. Of the 8 occurring outside of the old city, 5 were in Santurce, a suburb of San Juan; 2 at Carolina, a town about 15 miles away, and 1 occurred at Arroyo, on a small schooner from San Juan. Of 4 rats caught in one of the houses at Santurce, in which a plague case occurred, 2 were found to be plague infected.

To prevent the further spread of the disease vessels clearing for other ports in United States territory have been made subject to the restrictions contained in paragraphs 35 to 40, inclusive, of the Quarantine Regulations promulgated October 20, 1910. This outgoing quarantine is being maintained with the assistance of the revenue cutter Algonquin.

Passed Assistant Surgeon Creel reports July 2: Two cases plague in Santurce July 1. Total to date: San Juan, 21 cases, 13 deaths;

Santurce, 5 cases, 2 deaths; Carolina, 2 cases, 2 deaths.

RUSSIA.

Typhus Fever.

Consul General Snodgrass at Moscow reports the occurrence of 27 cases of typhus fever with 4 deaths at Moscow during the two weeks ended May 18, 1912.

Cholera in Astrakhan.

A fatal case of cholera was reported in the city of Astrakhan June 11.